

COSTA, Pl., Ing.

Conference at the Navodari Repair Station. Men electrif
agrie 9 no.5875-77 '64.

COSTA-FORU, Al., ing.; COSTEA, H., ing.

Observations on some experimental radiometric work carried out in
the Tazlau mine. Rev min 15 no.9:470-474 S '64.

COSTEA, I., geolog (Eucuresti)

Importance of microfossils in survey and exploration works.
Natura Geografie 16 no. 1:36-44 Ja-F '64.

COSTEA, I.; MOTAS, L.

Contributions to the knowledge of the dogger microfauna in the
western Mesozoic Platform. Petrol si gaze 15 no.1:11-15 Ja '64

BUCUR, I.; COSTEA, I.

On the breccias in the Oligocene of the Cason Basin,
Tirgu Secuesc. Petrol si gaze 15 no.5:215-218 My'64.

COSTEA, I.; COMNA, D.

Preliminary data on the microfauna of the Lower Cretaceous and the limit of the Upper Jurassic in the Giuresti region, Moesian Platform. Petrol si gaze 15 no.3:105-110 Mr '64.

L 10908-66

ACC NR: AP6004491

SOURCE CODE: RU/0007/65/016/002/0078/0081

AUTHOR: Costea, I. (Geologist); Dima, D. (Engineer)

ORG: none

TITLE: Contributions to the knowledge of the cretaceous-tertiary limit in the Moldavian branch of the Eastern Carpathians

SOURCE: Petrol si gaze, v. 16, no. 2, 1965, 78-81

TOPIC TAGS: paleontology, stratigraphy

ABSTRACT: The authors describe the analysis and laboratory testing of their paleontologic samples collected in the cretaceous-tertiary limit of the Moldavian branch of the Eastern Carpathians, and present some of their conclusions relating to them. The continuity of sedimentation between Sinonian and Eocian leads to a more exact stratigraphic correlation and paleogeographic precision. Orig. art. has: 1 table. [JPRS]

SUB CODE: 08 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 024

Card 1/1

ANTONESCU, N. [Antonescu, N.]; KHAIDUK, K. [Haiduc, C.]; ~~KOSTIA, L.~~ [Costea, L.]

Some problems related to the study and construction of the Vuia one-ton industrial boiler. Rev electrotechn energet 5 no.1:167-178 '60.
(EEAI 10:4)

(Rumania--Steam boilers)

ANTONESCU, N.; COSTEA, L.; HAIDUC, C.

Aspects of the functioning of the one-ton-per-hour Viua I.E. industrial boiler with liquid fuel. Rev electrotechn energet 5 no.2:483-491 '60.
(KEAI 10:5)

(Romania--Steam boilers) (Liquid fuels)

GHIA, V. V.; COSTEA, L.

Experimental studies on furnace cooling through evaporation. Studi
cerc energet' 11 no.2:241-260 '61.

ANTONESCU, N.; COSTEA, L.; ARIESANU, C.

Some aspects of the development of combustion process in turbulent
current. Studii cerc energet B 12 no.2:163-176 '62.

8/24/63 000/007 3-3 0-4
2254 2100

AUTHORS: Antonescu, N., Costea, L. and Ariesanu, C.

TITLE: Investigation of the process of burning in a tunnel burner of the vortex type

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 3, 1963, 45, abstract 3B239 (Studii si cercetari energ. Acad. RPR, 1962, v. B12, 163-176 (Rum.; summaries in Rus., Ger., Eng. and Fr.))

TEXT: The authors consider the data of an experimental study of the development of burning in an air tunnel burner of the vortex type with internal diameter 400 mm and length 750 mm. Liquid hydrocarbon fuel was used. Hydrodynamic characteristics of the regimes investigated. Distribution of tangential velocities for a given regime. Data obtained from the experiments. Abstracter's note: Complete translation.

Card 1/1

COSTEA, L.

Influence of a tube diameter on the functional and economic coefficients of the "gas-liquid" heat exchangers. Studii cerc energet B 12 no.2:177-192 '62.

ROMANIA

COSTEA, L.

Bucharest, Revue d'Electrotechnique et d'Energetique, No 1, Série E,
1963, pp 35-51

"Influence of the Diameter of Pipes on Certain Functional and
Economic Parameters of Heat Exchangers of the 'Gas-Liquid'
Type."

COSTEA, L.

Influence of pipe diameter on some functional and economic parameters of gas-liquid type heat exchangers. Rev electrotechn energet B 8 no.1:35-51 '63.

	PAGE I BOOK EXPLOITATION	ENG/575
Claud, Transylvania.	Institution Politehnica	
Luchet, philologist (Belarusian Politician).	Claud, Interprimere Politician,	
697 p.	Kritika also inserted. No. of copies printed not given. No	
contribution mentioned.		
THOMPSON. This book is intended for mathematicians, physicists, chemists, civil and mechanical engineers.		
COVREZKA: The book consists of 59 papers by European specialists on problems and technology, particularly mathematics, physics, chemistry, metallurgy, civil and mechanical engineering. Statistics in Russian are French or German are given at the end of each article. Some of the papers are accompanied by references. No personalities are mentioned. At the end of the book there are 25 references, all American.		
NAME OF COUNTRY :		
PILIMON, L. Effect of the Vorn Quantity on the Milling Process of Milling a Vorn Wheel		437
"PILIMON, V., and B. GOSTROVSKII. Determining the Degree of Wear of Machine Tools		432
MAKAREVIC, J. Problem of Turnovers in the Production of Threaded Taps and Threading Dies for Metric Thread		469
MARNO, P. D. Geophysical Detection of the Distribution of Acousticities in Mechanisms Under a Given System of Forces for a Certain Position and a Given Distribution of Speeds		479
MILLER, E. Quick-Response Automated Lines of Unit-Based Machine Tools		487
NIKOLAI, N. Generalization of the Induction Motor as a Means of Improving the Power Factor in Industrial Plants		503
NECHAY, K. Cooling Efficiency of a Cascade Cycle		511
POPE, H., J. LEAF, and A. CHIFFOLE. Use of the Same One in Furnaces for Heat Characteristics		529
RUBINOVICH, M. An Industrial Cooling Installation for Cold Treatment at Various [C] Temperatures		519
RYKOVA, B. I. Leafy, and A. GATSIUK. The Problem of Two-Directed Wave Air Pressure Acting as a Current		547
SABANOV, A. Use of Complex Numbers in Kinematic Plane Motion. Proof of Relativity Theorem by Means of Complex Numbers		559
SARGHED, R. Solution of the Problem of Automating the Milling of Teeth on Bars of Universal Cutters		567
SHAMOV, A. and Yu. KOROTK. Problem of Building a High-Frequency Generator		577
SHAMOV, A., Yu. KOROTK, O. BALINT, and O. GOSTOVA. Electronic Device for Measuring Tests Based on Resonance-Excited Vibrations		587
SHAMOV, A., Yu. KOROTK, and I. SANDOR. An Electronic Transducer		603
SHAMOV, A., Yu. KOROTK, and O. GOSTOVA. Electronic Vibrometer for Measuring the Dynamic Load in Cotton Spinning		609
SHAMOV, A., Yu. KOROTK, I. SANDOR, I. SHAMOV, and A. DAVID. Study of the Balance of Carbon Dioxide Outlets 880-49 and Molecular Gas Flow		613
Date Rec'd		
Date Exp'd		

COSTEA, Stefan

Possibilities of reducing the production decline in the old yards of the Targoviste Trust. Petrol si gaze 14 no.1:16-21 Ja '63.

1. Trustul de extractie, Targoviste.

COSTEA, T.

"Substances anticoagulantes de synthese." Revue de Chemie, Vol. 2, 1954,
Bucharest.

COSTEA, T.; MILCU, S.; PANU, A.

Hormonization with iodoprotein in diagnosing latent typhus fever in birds. p. 335.

COMUNICARILE. Bucuresti, Rumania. Vol. 8, no. 3, Mar. 1958.

Monthly List of East European Accession (EEAI), LC, Vol. 8, No. 9, September, 1959.

Uncl.

FITI, M.; MANTESCU, C.; COSTEA, T.

Determination of boron in ores through the registration of particles
in the reaction $B^{10} (n, \alpha) Li^7$. Studii cerc fiz 11 no.2:423-430 '60.
(EPAI 10:1)

(Ores)	(Boron)	(Lithium)	(Neutrons)
(Nuclear counters)		(Alpha rays)	

COSTEA, T.; DEMA, I.

Processes associated with the Szilard-Chalmers effect in crystals.
II. Influence of chemical isomerism. 1. General considerations.
Studii cerc chim 9 no.1:109-114 '61. (EEAI 10:9)

1. Laboratorul de radiochimie al Institutului de fizica atomica,
Bucuresti.

(Szilard-Chalmers reaction) (Crystals)

COSTEA, T.; DEMA, I.; TIPLUICA, A.

Processes associated with the Szilard-Chalmers effect in crystals.
II. Influence of chemical isomerism. Pt. 2. Optical isomerism.
Studii cerc chim 9 no.3:533-545 '61.

1. Laboratorul de radiochimie al Institutului de fizica atomica,
Bucuresti.

L 18845-63

ACCESSION NR: AF3005933

EPF(c)/EWP(q)/EWT(m)/BDS AFPTC/ASD Fr-4 JD/JG

G/0030/63/003/008/K290/K293

AUTHOR: Mantescu, C., Costea, T.

TITLE: Release of tritium from neutron-irradiated lithium salts (short note)

SOURCE: Physica status solidi, v. 3, no. 8, 1963, K290-K293

TOPIC TAGS: lithium salt, isotope labeling, tritium labeling, recoil tritium, tritium in crystalline lattice, neutron bombardment, gas-solid diffusion, entrapped gas

ABSTRACT: Preliminary results are reported for the thermal release of the recoil tritium from the reactor-irradiated crystalline lithium salts: LiF, LiCl, LiBr, LiH, Li₂CrO₄, LiNO₃ and LiAlH₄, according to the reaction ${}^6\text{Li}(n, \alpha) \text{T}$. Though studies of the recoil tritium exist for various systems, there is little information on the effects of tritium generated in crystalline lattices. Samples heated to various temperatures (between 50 and 200 C) were irradiated in vacuo at an integral neutron flux of 4.10^{14} to 3.10^{16} nvt [Abstractor's

Card 1/1

L 18845-63

ACCESSION NR: AP3005933

note: meaning of nvt unknown]; heat-treated at constant temperature; and the activity of the released tritium measured by two compensated Geiger-Muller counters. The release of tritium from neutron-irradiated lithium chloride at different temperatures is shown in Figure 1, Enclosure 1. By dissolving the heated samples in various solvents, it was established that the bulk of the activity was still trapped in the crystal. The behavior of the recoil tritium formed in the irradiated lithium salts was outlined as follows: During the irradiation and the heat-treatment the tritium may participate in a series of chemical reactions with the atoms of the crystal which yield volatile compounds such as TCl or T_2O . A large amount is trapped as T_2 in cavities produced by the irradiation. The phenomenon of the thermal release of tritium may be used to study the diffusion process of volatile chemical entities and to introduce the tritium into the lattice in a chemically active form. This enables the labeling of various compounds, such as lithium aluminum hydride. [Abstracter's note: article is in English]. Orig. art. has 1 figure.

ASSOCIATION: Institute of Atomic Physics, Bucharest [Abstracter's note: original-language version not given]

Card 2/22

COSTHA, T.; DEMA, I.

Processes associated with Szilard-Chalmers effect in crystals.
Pt. 3. Studii cerc fiz 14 no. 5:571-581 '63.

1. Institutul de fizica atomica, Bucuresti.

EXCERPTA MEDICA Sec.13 Vol.12/5 Dermatology, etc. May 58

COSTEA, V.

992. IN VITRO EFFECTS OF CONTACT INSECTICIDES UPON THE SCABIES PARASITE - Actiunea insectidelor de contact asupra parazitului scabei in vitro - Costea V. and Daneliuc T. Clin. Dermato-Venerol., Iasi - DERM.-VENEROL. (Bucuresti) 1957, 2/1 (28-31) Tables 1

Five groups of 6 female parasites were taken from scabies patients. Every group was placed on a slide on which was spread a fine layer of one of the following substances: pure nitrozan (hexachlorocyclohexane), pure neocid (DDT), talcum (control), sulphur (in order to study again its acaricide action), and finally there was a slide without any substance on it (control). The slides were placed in Petri dishes and kept at 20°. The state of the parasites was observed microscopically after 3, 9, 24, 30, 36 and 45 hr. Nitrozan was found to possess an evident acaricide effect because all the parasites were dead in 24 hr. (2 in 3 hr.). The other groups died later but all within 45 hr. In order to determine the immediate action of nitrozan, an experiment was carried out with 3 parasites observed at short intervals. After half an hour the parasites staggered about, after 1 hour one of them was dead and the 2 others moved very slowly; after 3 hr. all were dead. Attention is drawn to a few points that may be liable to criticism such as a possible trauma to the parasites at the time of collection, the disappearance of 5 parasites from the slide (3 from the slide free of all substance, 1 from the nitrozan slide, and 1 from the sulphur slide) etc. The question is raised whether the almost total disappearance of scabies from Rumania is not largely explained by the intense and systematic use of this insecticide which at the same time is an acaricide.

COUNTRY	: Rumania	H-6
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 21 1959, No.	75357
AUTHOR	: Nastase, G., Costea, V., Carniol, M., Marculescu,*	
	: Not given	
TITLE	: Occupational Dermatosis in the Leather Industry	
ORIG. PUB.	: Rev Med-Chirurg RPR, 62, No 2, 245-249 (1958)	
ABSTRACT	: Occupational dermatosis (folliculite, erythema, strong itches) were diagnosed in 58.24% of those examined in the course of a recent medical examination of the workers in the leather industry and in one shoe factory. The overwhelming majority of those examined were employed in the vegetable and mineral tanning shops. Occupational dermatosis was less frequently encountered in workers engaged in shoe production and took a lighter aspect in all cases (blisters, cracks, hyper-	
CARD:	1/2 *	D., and Neaga, V.

COUNTRY : Rumania H-6
CATEGORY :
ABS. JOUR. : RZKham., No. 21 1959, No. 75357
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : keratosis of the palms, atrophy of the nails,
pigmentation, etc.). The wearing of protective
clothing and the implementation of a systematic
sanitary education program are recommended.
N. Shumskaya

CARD: 2/2

173

COSTEACU, C.; SANDULESCU, D.; BIRLADEANU, L.

Oxidation of cyclohexane with liquid air. p. 527.

Academia Republicii Populare Romine. STUDII SI CERCTARI DE CHIMIE. Bucuresti, Rumania. Vol. 6, no. 4, 1958.

Monthly List of East European Accessions (EEAI) Vol. 8, no. 7, July 1959.

Uncl.

COUNTRY:	: Rumania	B-9
CATEGORY	:	
ABS. JOUR.	: RZKhiz., No. 5 1960, No.	17017
AUTHOR	: Birladeanu, L., Costescu, C. D., and Sandulescu, D.	
INST.	: Rumanian Academy of Sciences	
TITLE	: On the Question of the Liquid Phase Oxidation of Cyclohexane by Air	
ORIG. PUB.	: Studii si Cercetari Chim Acad RPR, 6, No 4, 527-538 (1958)	
ABSTRACT	: The effect of catalyst concentration (0.25-0.5%), temperature, degree of conversion, and air flow rate on the rate of absorption of O ₂ during the oxidation of cyclohexane by air in the liquid phase has been investigated. The activation energy for the reaction in the presence of Co naphthenate has been determined and found to be 19.5 kcal/mol. It is shown that the length of the chain is nearly independent of the temperature.	
	From authors' summary	
CARD:	1/1	

COSTEANU GEORGE

RUMANIA/Atomic and Molecular Physics - Heat

D-4

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 5712

Author : Costeanu George

Inst : Not Given

Title : International Temperature Scale

Orig Pub : Metroil. apl., 1957, No 6, 5-8, 3, 4,

Abstract : In the Thermometric Laboratories of the Metrological Institute (Bucharest, Rumania) there were carried out in 1955 to 1957 work on the implementation of the internal temperature scale of 1948. Many articles describe the standards developed and the auxiliary equipment. Results are reported on the calibration of the standards. This article is devoted to the general problems and consists of two sections: (1) temperature scales, (2) the international temperature scale.

Card : 1/1

IONESCU-MUSCEL, I., prof. ing.; KEIMER, I., ing.; COTIGARU, E., ing.;
RUSANOVSKI, Maria, ing.; GHENCEA, M., ing.; COSTENCIUC, N., ing.;
GHERSIN, B., ing.; MATEI, Ana, ing.; IONESCU-MUSCEL, C., ing.;
NACU, M., ing.

CC
Contributions to the problem of wool washing under optimum
temperature and pH conditions. Ind. text Rum 13 no.5:197-203
My '62.

1. Institutul de stiinte economice V.I. Lenin (for Ionescu-
Muscel, I., Keimer, Cotigaru). 2. Laboratorul central Ministerul
Industriei Usoare (for Rusanovski, Ghencea). 2. Fabrica Textila
Grivita (for Costenciu, Gherzin). 4. Ministerul Industriei
Petroliului si Chimiei (for Matei). 5. Institutul de Oncologie
(for Ionescu-Muscel, C.). 6. Fabrica Electrotehnica (for Nacu).

COSTESCU, A., ing.

Problems of production room ventilation in the cellulose and
paper industry. Cal birtie 13 no.7:249-255 J1'64.

COSTESCU, Alexandru

~~SECRET~~

In step with the new requirements. Const Buc 16 no.732:2
18 Ja'64.

1. Inginer-sef al Fabricii de ciment, Fieni.

IORDANESCU, C., ing.; POGACI, D., ing.; COSTESCU, Alex., ing.;
BUDA, Alex., ing.

Valorization of powder from clinker kilns. Constr Buc 17
no.784:2 16 Ja '65.

1. "Stinca" Cement Works, Braila (for Iordanescu).
2. Fieni Cement Works (for Pogaci, Costescu).
3. "Victoria socialista" Cement Works, Turda (for Buda).

BOBIRNAC, B.; COSTESCU, C.; SANDA, Emilia (Craiova)

Notes on the Morocco locust (*Doclostaurus maroccanus* Thumb.) in
Oltenia. *Natura Biologie* 15 no.6:87-90 N-D '63.

COSTESCU, C

TECHNOLOGY

PERIODICAL: REVISTA INDUSTRIEL ALIMENTARE. PRODUSE VEGETALE No. 7/8, 1958

COSTESCU, C. Some current problems of labor standarization. p. 27

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 4
April 1959, Unclass

Rumania/General Problems in Pathology - Comparative Oncology

U-1

Abs Jour : Ref Zhur - Biol., No. 18, 1958, 84924

Author : Popescu, C., Costescu, D.

Inst : No institute is given

Title : Remissions in Cancer

Orig Pub : Viata med., 1957, Vol. 4, No. 7, 59-69

Abstract : On the basis of studies of the literature and their own clinical observations, the authors suggest the possibility of remissions in cancer. Emphasis is given to the important theoretical and practical significance of a study of spontaneous remissions in this disease.

Card 1/1

COSTESCU, DAN. C -

RUMANIA/Chemical Products and Their Application. Synthetic
Polymers. Plastics.

H-29

Abs Jour: Ref. Zhur-Khimiya, No 11, 1958, 38029.

Author : Nenitescu C D, Costescu Dan C

Inst : Not given.

Title : The possibilities of Substituting Synthetic Polymers,
for Nonferrous Metals

Orig Pub: An Acad RPR, 1955, 3, Anexa, 129-142.

Abstract: A review of the structure and properties of various
plastics. It formulates problems that are before
the Academy of Sciences RPR in connection with the
question of substituting plastics for nonferrous me-
tals.

Card : 1/1

COSTESCU, DAN C.

RUMANIA/Chemical Technology. Chemical Products and Their Application -
Industrial Organic Synthesis. H-15

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15400

Author : Costescu Dan C., Szekely Gustav

Inst :

Title : New Method of Preparing Butadiene by Cracking of Cyclohexane.

Orig Pub: Studii si cercetari de chim., 1956, 4, 3-4, 299-313.

Abstract: The described method includes hydrogenation of C_6H_6 to cyclohexane (I), cracking of I over an incandescent filament, isolation of butadiene (II) from the cracking gases by adsorption on activated carbon. Hydrogenation of C_6H_6 was effected in the vapor phase over reduced Ni catalyst in a 400 ml reactor. Optimal conditions: hydrogenation temperature 180° ; temperature in the vaporizer 30° ; rate of flow, H_2 57 liters per hour, C_6H_6 25 grams per hour; molar ratio $C_6H_6: H_2 = 1:6.9$; contact dura-

Card : 1/3

RUMANIA/Chemical Technology. Chemical Products and Their Application - Industrial Organic Synthesis.

H-15

Abs Jour: Referat Zhur-Khisiya, No 5, 1958, 15400

tion 13 seconds. Degree of purity of the obtained I not less than 98%, output of the unit 215 g within 8 hours. Cracking of I was carried out in a glass unit containing a Cr-Ni filament (diameter of filament 0.6 mm, diameter of spiral 4 mm), and condensers. A cracking gas was obtained which contained 20.8% II (yield of II 44.6%). A similar result was also obtained with I isolated from gasoline, of 96.5% purity, aniline point 32.5°, n_{20}^{20} 1.4235. In a metal unit the yield of I was 60%, content of II in the gas 27%. Isolation and purification of II from the cracking gases were effected by adsorption on activated carbon in tubes (diameter 35 mm, length 700 mm; charge 250-300 g activated carbon) and countercurrent desorption. Concentration of II obtained on 4-cycle operation is 98-99%, on 3-cycle operation -- 95-96%. Concurrently a

Card : 2/3

COSTESCU, DAN. C.

RUMANIA/Chemical Technology - Chemical Products and Their Application, Part 4. - Synthetic Polymers, Plastics. H-28

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 23203

Author : Dan C. Costescu, M. Mateescu, N. Opreescu.

Inst : -

Title : Studies of Polyvinylacetate Series. Lower Vinyllacetate Polymers Produced by Polymerization in Aqueous Suspension.

Orig Pub : Studii si cercetari chim., 1955, 3, No 3-4, 301-312

Abstract : The Application of butylaldehyde as a regulator of chain growth in the equimolecular amount with respect to the initiator (benzoyl peroxide) allows to produce lower vinylacetate polymers by polymerization in aqueous suspensions, whiel they are usually produced by polymerization in solution in the industry. The main advantages of the suggested method are: economy and a lesser danger of ignition and poisoning. The polymerization degree is checked by

Card 1/2

RUMANIA/Chemical Technology - Chemical Products and Their
Application, Part 4. - Synthetic Polymers, Plastics.

H-28

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 23203

the initiator amount: changing the amount of benzoyl
peroxide from 0.5 to 3%, the magnitude of $K \times 10^3$ in
Fikentscher's equation drops from 40 to 10.

Card 2/2

Country : Rumania
Category :

Abs. Jour. : 39203

Author :
Institut. :
Title :

Orig Pub. :

Abstract : mechanical damage to the Pt grid. The bibliography
lists 15 titles.

Author's summary

Card: 2/2

ROMANIA / Chemical Technology. Chemical Products and H-8
Their Application--Elements. Oxides. Mineral
Acids, Bases, Salts

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 8799

Author : Costescu, D.C.

Inst : Not given

Title : Synthesis of Hydrocyanic Acid from Methane, Ammon-
ia, and Air by the Andrusov Method

Orig Pub: Studii si cercetari chim., 1957, 5, No 1, 91-106

Abstract: Results of a laboratory experiment are given on the
study of the reaction of HCN formation from $\text{NH}_3 +$
 $\text{CH}_4 + 1.5 \text{ O}_2$ by the method suggested by Andrusov.
HCN synthesis was conducted between platinum gauzes

Card 1/3

RUMANIA / Chemical Technology. Chemical Products and H-8
Their Application--Elements. Oxides. Mineral
Acids, Bases, Salts

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 8799

in a quartz tube 19 mm in diameter heated at the start of the reaction by a gas burner. From this point on, the synthesis proceeded by virtue of the heat of the reaction itself. The effect of the gas pressure and of rapid cooling of the gases participating in the reaction on the yield of HCN was determined. A three-dimensional chart CH_4 - NH_3 - O_2 was studied. It was established that increasing the quantity of O_2 initially results in a rapid increase in the HCN yield. When the O_2 quantity is 1.2 times the NH_3 , the yield decreases markedly. The diagram shows that independent of the CH_4/NH_3 ratio, the optimum yield corresponds to a ratio of 0.6 volumes of O_2 to one volume of

Card 2/3

RUMANIA / Chemical Technology. Chemical Products and H-8
Their Application--Elements. Oxides. Mineral
Acids, Bases, Salts

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 8799

$\text{CH}_4 + \text{NH}_3$. At the indicated O_2 ratio and a general delivery rate of 50 cm per second, the HCN yield grows with excess CH_4 to a ratio of $4\text{CH}_4 / 1 \text{NH}_3$. At the same time the reaction time increases. The use of a mixture containing one part of NH_3 , four parts of CH_4 , and three parts of O_2 ensures the maximum utilization of NH_3 and HCN synthesis. Bibliography 16 references. --Ya. Matlis

Card 3/3

125

RUMANIA / Chemistry of High Molecular Substances. I

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 63297.

Author : Dan Costescu.

Inst : Academy of Sciences of Rumania.

Title : To The Question of Systematization in The Region of Macromolecular Compounds. II. Polymerization Degree - A New Criterion for The Systematization of Macromolecular Compounds.

Orig Pub: Comun. Acad. RPR, 1957, 7, No 10, 853 - 862.

Abstract: It is proposed to carry out the systematization of macromolecular substances by the polymerization degree (P), corresponding to the inflection point of curves of the dependence of viscosity on molecular weight. P describes the border limit of the polymerization degree value, above which mechanical properties do not

Card 1/2

COSTESCU, D.

RUMANIA / Chemistry of High Molecular Compounds.

L.

Abs Jour : Ref. Zhur. - Khimiya, No.2, 1958, Abstract No.6759.

Author : Costescu, D.

Inst : Not given.

Title : On the Systematization Problem in the Field of Macromolecular Products. Communication III. Heat Stability - Criterion of Systematization.

Orig Pub : Rev. chim., 1957, 8, No.4, 261-264.

Abstract : The possibility was examined of systematizing macromolecular products by determining the existing connection between their structure and properties. A systematization was suggested based on the energy of the bond, whereby the lower limit for the formation of stable polymers is determined as 50 kcal. per one bond.

Card : 1/1

RUMANIA/Chemical Technology. Chemical Products and Their
Application. Synthetic Polymers. Plastics

H

Abs Jour: Ref Zhur-Khim , No 13, 1958, 45089.

Author : Costescu D., Vladeanu Marica

Inst :

Title : Plastics Based on Polyvinyl Acetate. I. Rigid Molding
Materials for Phonograph Records.

Orig Pub: Rev chim , 1957, 8, No 4, 283-286.

Abstract: As a result of investigations of compositions for
phonograph records, based on polyvinyl acetate resin
Vinacet S (I), it was found that the K value, ac-
cording to Fikenchner [transliterated], of I is
within the range of 75 ± 5 ; when the filler is cal-
cite [(II), optimal ratio II : I = 70 : 30] it is

Card : 1/2

COSTESCU, C.)

1

Liquid-phase oxidation of cyclohexane with air. Ludmila Birlădeanu, C. I. Costescu, and J. Sandulescu. *Annales Roum. Chim.* 6, 527-58 (1958).
 Cyclohexane (b. 80.7°, d_4^{20} 0.784, n_D^{20} 1.4235) (I) was oxidized under various flows of air at 125-55°/8 atm. in the presence of 0.1-1.0% concn. of Co naphthenate (5% metallic Co) as catalyst to det. the best conditions under which the rate of O absorption reaches its max. The reaction took place in an electrically heated tubular steel reactor equipped with a cooling sleeve at the top and a compressor as the source of air. The evolved gas passed through a series of tubes filled with C, which retained I, and then on to an Orsat app. for the gas analysis. In the 500-cc. reactor the I liquid-phase almost completely occupied the reaction space so that practically no vapor space existed at the reaction temp. CO₂ and O were detd. in the evolved gas at intervals varying between 15 and 10 min., and the total amt. of absorbed O and its absorption rate calcd. at any given moment. The product was decanted from the liq. layer, then distd. to eliminate the unreacted I and the oxidation product cyclohexanol (II) was detd. by acetylation with ac₂O in pyridine, cyclohexanone (III) by

the gravimetric method based on condensation with furfural, the free acids by the index of acidity, and the esters by the index of esterification. The II + III content could be quite accurately detd. by repp. the 155-84° frasin. fraction which, being contaminated with acids and esters, indicated the necessity of submitting the oxidation product to an alk. hydrolysis, followed by vapor trailing, thus obtaining a II-III fraction of higher purity and increasing the yield by 2-4%. It was found that the O absorption was max. at 145-7° with 0.25-0.50% catalyst and a conversion of approx. 12%, yielding a II-III fraction of 80-65% after 30-90 min. of reaction time. The oxidation reaction of I in the liquid phase is an autocatalytic, homogeneous reaction due to a practically const. rate of O absorption. The activation energy of I oxidation in the presence of Co naphthenate is 19,000 cal. mol.⁻¹. Temp. has very little effect on the duration of the chain reaction, if any at all. It was shown that the speed of global oxidation can be expressed by an equation based on the general theory of liquid-phase oxidation of I using for its deduction a reduced no. of elementary reactions.

Radu C. Marcuș

COUNTRY	: RUMANIA	H
CATEGORY	: Chemical Technology. Chemical Products and Their Uses. Part 4. Synthetic Polymers. Plastics	
ABS. JOUR.	: RZKhim., No. 1 1960, No. 2988	
AUTHOR	: Costescu, C.D.C.; Ursuleanu, I.; Mateescu, M.;	
INST.	: -	
TITLE	: Complex Thermoplastic Systems. I. Binary System of Copolymers and Styrene-Butadiene Fusions	
ORIG. PUB.	: Studii si cercetari chim., 1958, 6, No 1, 75-86	
ABSTRACT	: Comparative physicomachanical investigations of the copolymers of styrene (I) with butadiene (II) and fusions of poly-I with butadiene-styrene rubber containing 75% of II (K-75) and 30% of II (K-30) showed that the stability of the thermoplastic system increases more effectively by fusion than by copolymeri-	
	*Oprescu, N.; Cornilescu, D.	
CARD:	1/3	

COUNTRY :
 CATEGORY :
 ABS. JOUR. : RZKhim., No. 1 1960, No. 2990
 AUTHOR :
 INST. :
 TITLE :
 ORIG. PUB. :
 ABSTRACT : sation. Poly-I has a resistance to impact of
 cont'd 9.87 kJ/cm², fusion of 95% of poly-I with
 5% of K-75 - 39.2 kJ/cm², copolymer of I
 with 20% of II - only 10.2 kJ/cm²; tensile
 strength (kJ/cm²) is correspondingly 303.1,
 250, 283; bending strength (kJ/cm²) is 638,
 629, 465. The fusion with K-30 produces a lesser
 effect; resistance to impact of the fusion of
 CARD: 2/3
 H-155

COUNTRY	:		H
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 1	1960, No. 2988
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT cont'd	:	80% of poly-I with 20% of K-30 is 18.3 kJ/cm ² . The conclusion is drawn that the greater the difference in the temperatures of transition of the second order in the components of the fusion, the greater the effect of the thermoplastic stability.-- L. Posin	
CARD:		3/3	

RUMANIA / Chemistry of High Molecular Weight Substances. I

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 69567.

Author : Costescu D.

Inst : ~~Not given.~~

Title : Problems of Systematization of the High Molecular Weight Substances. Part I. Basic Principles and Definitions.

Orig Pub: Rev. chim., 1958, 9, No 1, 18-22.

Abstract: Systematization of the high molecular weight substances based on the dependence between their structure and properties is proposed. The classification is based on the stability of macromolecules, on the degree of molecular interaction and on the space position of chains.

Card 1/1

The End
122

ROMANIAN/High Molecular Chemistry.

I

Abstr Jour: Ref Zhur-Khim., No 2, 1959, 7007.

Author : Costescu, Const. Dan C.

Inst :

Title : Stereoisomeric Polymers.

Orig Pub: Rev. chim., 1958, 9, No 4, 193-201.

Abstract: Review. Bibliography with 48 titles.

Card : 1/1

COSTESCU, C.; VLADOIANU, M.

Utilization of polyvinyl acetate in emulsion in the construction industry. p. 385.

REVISTA DE CHIMIE. (Ministerul Industriei Petrolului si Chimiei si Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania) Bucuresti. Rumania. Vol. 10, no. 7, July 1959.

Monthly List of East European Accessions (EEAT) LC, Vol. 9, no. 1, January 1960.

Uncl.

COSTESCU, D., ing.; VLADIANU, M., ing.; TEODORESCU, T., ing.

SECRET

Study on the joining of profiles in synthetic polymers
by the thermoplastic fastening method. Rev constr si
mat constr 16 no. 1:31-35 Ja '64.

OERIU, S.; COSTESCU, G.; TEODORESCU, O.; SOIMU, I.

Activity of cocarboxylase and transaminase, and capacity of trans-acetylation in the process of aging. Studii cerc biochimie 5 no.3: 337-342 '62.

1. Catedra de biochimie a Facultatii de medicina generala din I.M.F., Bucuresti. 2. Membru corespondent al Academiei R.P.R. si membru al Comitetului de redactie, "Studii si cercetari de biochimie" (for Oeriu).

OERIU, S. [Oariu, S.]; KOSTESKU, G. [Costescu, G.]; TEODORESKU, O.
[Teodorescu, O.]

Glutaminase activity in the cerebral cortex of rats of different
ages and the effect of cysteine on glutaminase in the brain of aged
animals. Ukr. biokhim. zhur. 35 no.2:163-167 '63. (MIRA 17:9)

1. Laboratoriya biokhimii Meditsinskogo i farmatsevticheskogo
instituta, Bukharest.

OERIU, S.; TIGHECIU-DUMITRESCU, M.; ENACHE-PEREDERI, L.; GRIGORESCU, G.;
MANESCU, M.; COSTESCU, G.; TEODORESCU, O.; SOIMU, I.; TANASE, I.;
DINU, V.; GEORGESCU, P.; POPESCU, I.; PAUNESCU, E.

Session of the Society of Medical Sciences; April 24, 1962. Studii
cerc biochimie 5 no.3:477-478 '62.

1. Catedra de biochimie I.M.F. (for Oeriu, Tigheciu-Dumitrescu,
Enache-Perederi, Grigorescu, Manescu, Costescu, Teodorescu,
Soimu, Tanase, and Dimu). 2. Institut de fiziologie (for Georgescu,
Popescu, and Paunescu).

COSTESCU, G.

ROMANIA / Pharmacology, Toxicology, Analeptics

U-3

Abs Jour : Referat Zh.-Biol., No 1, 1958, No 3388

Author : Deriv, S., Tanasescu, Gh., Costescu-G., Ionescu G., Tanase
I., Dimitriv M., Manescu M., Carp, N., Neasou, C.,
Grigorescu-Simionescu G., Ionescu C., Nitulescu, F., Sib-
iceanu Gh, Voicitu, Al.

Inst : Not given.

Title : A Study of Sulfur-Containing Amino Acids (Methionine,
Cysteine, Cystine), Cyolic and Heterocyolic Amino Acids
(Tyrosine, Tryptophan, and Histidine), Nucleic Acids (RNA
and DNA), Proteases (Trypsin, Cathepsin, Dipeptidase and
Carboxypeptidase) and of Nucleases (Ribo-and Desoxy-ri-
bonuclease) in the Cerebral Cortex of Rats Under the In-
fluence of Luminal and Benzedrine.

Orig Pub : Bul. Stiint. acad. RPR. Sec. Mod., 1955, 7, No 4, 1193-1208.

Abstract : A study was made of protein and nucleic acid metabolism in

Card : 1/2

COSTESCU, I.

COSTESCU, I. Industrial method for the manufacture of prefabricated parts of beton, caissons, plates, ets. by rotation of reinforced parts. p. 276

Vol. 7, No. 5, May 1956

INDUSTRIA CONSTRUCTIILOR SI A MATERIALELOR DE CONSTRUCTII.
TECHNOLOGY

Bucuresti, Rumania

So: East European Accession, Vol. 6, No. 2, Feb. 1957

COSTESCU, I.

Contribution of scientific research toward the development of petroleum prospecting and exploring. p. 351.

PETROL SI GAZE. (Asociatia Stiintificia a Ingineri or si Technicienilor din Romania si Ministerul Industriei Petrolului si Chimiei) Bucuresti Rumania. Vol. 10, no.8, 1959.

Monthly list of East European Accessions (EAI) LC Vol. 9, no.2
Feb. 1960

Uncl.

GUTCUDACHE, C., dr.; GORUN, V., dr.; COSTESCU, M., dr.; VORONCA, G.,
biolog

Considerations on the use of thromboelastography in clinical
medicine. Med. intern. 15 no.10:1265-1274 '63.

1. Lucrare efectuată in Spitalul clinic "Fundeni".
(BLOOD COAGULATION DISORDERS)
(THROMBOELASTOGRAPHY) (PHARMACOLOGY)
(THROMBOPENIA) (ANTICOAGULANTS)
(ANEMIA, SPLENIC) (HEMOPHILIA)
(LIVER CIRRHOSIS)

COSTESCU, M.

Meteorology of the slope-gliding flight.

p. 6 (Aripile Fatiei. Vol. 3, no. 10, Oct. 1957. Bucaresti, Rumania)

Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 2,
February 1958

COSTESCU, M., ing.

"The mass and the large-series production of cast pieces" by N. D. Titov. Revised by Costescu. Metalurgia constr mas 14 no. 2:186 F'62.

1. Membru al Comitetului de redactie, "Metalurgia si constructia de masini."

CIORAPCIU, S., conf.; ANDRONESCU, M., dr.; COSTESCU, Marilena, dr.;
IONESCU-TIRA, Genoveva, dr.

Considerations on a case of diffuse cancerous osteosis. Med.
intern. (Bucur) 17 no.2:223-228 F'65.

1. Lucrare efectuata in Clinica medicala a Spitalului "Carol
Davilla", Institutul medico-farmaceutic, Bucuresti.

1 33429-66 EWP(k)/T/EWP(t)/ETI IJP(c) JD/DJ
ACC NR: AP6014603 (N) SOURCE CODE: RU/0020/66/011/001/0021/0032

AUTHOR: Tripsa, I.; Costescu, M.

ORG: none

TITLE: Effect of electrosag remelting under a flux blanket on the quality of antifriction bearing steels

SOURCE: Revue Roumaine des sciences techniques. Serie de metallurgie, v. 11, no. 1, 1966, 21-32

TOPIC TAGS: antifriction bearing, electrosag melting, bearing steel

ABSTRACT: The effect of electrosag remelting under a flux blanket on the quality of antifriction bearing steels has been studied at the Institute of Metallurgical Research. Antifriction bearing steel produced by remelting under a flux blanket shows a greater density and a reduced porosity. Carbide segregations in the same steel arc are reduced to a minimum, and the austenite granulation becomes more uniform. Remelting under a flux blanket decreases the indices of nonmetallic inclusions. A comparison is made of results obtained by this method with those obtained by the method of vacuum arc remelting. The authors state that further tests are in progress on the economic efficiency of this method and on bearings manufactured of steel obtained by electric remelting under a flux blanket. Orig. art. has: 10 figures and 5 tables. [NT]

SUB CODE: 11/ SUBM DATE: 07Mar65/ ORIG REF: 002/ OTH REF: 002
Card 1/1

COSTESCU, N., dr.

Physiopathology and medicosurgical therapy of cerebral vascular accidents of hemodynamic origin. Med. intern. 16 no.3:319-326
Mr'64.

1. Lucrare efectuata in Spitalul C.F.R., nr.2, Bucuresti.

*

COSTESCU, N., dr.

Digestive hemorrhages of diverticular origin. Med. intern.
(Bucur.) 17 no.1:109-116 Ja '65

1. Lucrare efectuata in Spitalul C.F.R. nr.2, Bucuresti.

RUMANIA

COSTESCU, Nița, Dr; BOTEZ, A., Dr; GHIRCES, A., Dr; VASILIU, G.,
Dr; TAȘCA, D., Dr.

1. Hospital No. 2, Ministry of Transports and Telecommunications (Spitalul nr. 2, M.T.T.), Bucharest (For all); 2. Surgery Section (Sectia de chirurgie) - (For Costescu, Botez and Ghirces); 3. Pediatric Section (Sectia de pediatrie) - (For Vasiliu and Tașca).

Bucharest, Viata Medicala, No 13, 1 Jul 63, pp 897-902

"Severe Digestive Hemorrhage In Children In the Course
of Cortisone and Acetylsalicylic Acid Treatment.
Surgical Intervention Under Hypothermia."

(5)

COSTESCU, N.

Meteorology of flying without an engine. p. 9. Aripile Patriei. Bucuresti.
Vol. 1, No. 8, Aug. 1955.

SOURCE: East European Accessions List (EEAL), LC. Vol. 5, No. 3, March 1956.

RUMANIA/General Problems of Pathology - Tumors. Comparative
Oncology. Human Neoplasms.

U.

Abs Jour : Ref Zhur - Biol., No 19, 1958, 89679

Author : Fagarasanu, I., Aloman, D., Costescu, N.

Inst : -

Title : Primary Carcinoma of the Gallbladder.

Orig Pub : Chirurgia, 1958, 7, No 1, 15-20.

Abstract : No abstract.

Card 1/1

- 30 -

COSTESCU, NITA (DR)

- [illegible]

COSTESCU, Nita, dr.

The association of ulcerous diseases with non-insulinogenic pancreatic tumors (Zollinger-Ellison syndrome). Med. intern. 14 no.1:81-87 Ja '62.

1. Lucrare efectuata in clinica chirurgicala Spitalul C.F.R. Nr. 2. Bucuresti.

(PEPTIC ULCER complications) (PANCREAS neoplasms)
(ISLET CELL TUMOR complications)

SIMECEK, J.; COSTESCU, P., ing. [translator]

Fighting against rock dust after pistol boring. Rev min 13
no.4:177-179 Ap '62.

COSTESCU, P. H.

✓ 10.4-36
Costescu, P. H., Contribuțiuni la cunoașterea evoluției rețelei hidrografice din bazinul
râului Argeș datorită intervenției omului. [Development of the hydrographic network of the
Arges River due to human activities.] *Meteorologia și Hidrologia*, Bucharest, 1(1):54-63,
Oct. 1956. 2 figs., 10 refs. DWB—Historic documents are quoted showing details of the
building of canals, regulation of rivers and water use practices in the Arges basin during the
past 200 yrs. Subject Headings: 1. History of hydrography 2. Hydrographic networks
3. Arges River, Romania.—G.T.

531.48(09)

2

CR

August 3, 1959

GLJ

R/003/62/013/012/003/003
D405/D301

AUTHOR: Costian, D.

TITLE: Synthesis of a polystyrenic cationite

PERIODICAL: Revista de Chimie, v. 13, no. 12, 1962, 753-754

TEXT: The synthesis of a polystyrenic cationite by sulforeticulation of a linear polystyrene is described. The preparation of the cationite involves the following stages: styrene polymerization, polystyrene sulfonation, reticulation of the polystyrene-sulfonic acid, and sulforeticulation of the polystyrene. After cooling, the sulfomass was treated in accordance with three different procedures: 1) it is kept in air, then the acids are neutralized with a solution of Na_2CO_3 ; 2) it is poured over ice; 3) it is poured over approx. 200 ml of H_2SO_4 50%, then diluted with H_2SO_4 10% and distilled water. The first two types of treatment are followed by filtration and washing. The cationite was analyzed by methods described by the author in an earlier work. Conclusions: Among the materials obtained, only the cationites resulting from polystyrene

Card 1/2

Synthesis of a polystyrenic ...

R/003/62/013/012/003/003
D405/D301

reticulation have useful properties, viz: an exchange capacity which is superior to that of the phenol-formaldehyde cationites Wofatite P, Wofatite CN, and Amberlite IR-100. and comparable to that of the cationites Wofatite F and Amberlite IR-105; an admissible volume variation upon imbibition; high density; good thermal stability (up to 100°C), which is superior to that of phenol-formaldehyde cationites. There are 1 figure and 3 tables.

Card 2/2

L 39133-66 EWP(j)/T IJP(c) RM/WW/JWD
ACC NR: AP6030353

SOURCE CODE: RU/0003/65/016/003/0168/0168

AUTHOR: Calmanovici, B.; Costian, D.

ORG: none

TITLE: Determining the nitration degree of styrene-divinylbenzene copolymers by means of U.V. absorption spectrophotometry

SOURCE: Revista de chimie, v. 16, no. 3, 1965, 168

TOPIC TAGS: copolymer, UV absorption, spectrophotometric analysis, polystyrene

ABSTRACT: The authors describe the use of ultraviolet spectroscopy to determine the degree of nitration of styrene-divinylbenzene copolymers. The samples for analysis consist of films made by pressing the nitroderivatives mixed with polystyrene for 3 to 4 minutes at a pressure of 40 atmospheres and a temperature of 170 degrees centigrade. Orig. art. has: 3 figures. [JPRS]

SUB CODE: 07, 11. / SUBM DATE: none

me
Card 1/1

COSTIAN, D.

Methods of analysing ion exchangers. Rev chimie Min petr 13
no.3:158-161 Mr '62.

ALEXANDRU, I.; CIOBANU, V.; COSTIAN, D.

Fibers from polypropylene. Note 1. Rev chimie Min petr 14 no.9:
515-519 S '63.

COSTICA, Alexandru, conf.ing.; IOSIFESCU, Constantin, sef lucr. ing.

Noise and vibrations on shipboard. Rev transport 10 no.9:
428-432 S'63

COSTICA, Alexandru, ing.; BUMBARU, Severin, ing.; LACATUSU, Vasile, ing.

Utilization of semirapid engines for ship propulsion. Rev
transport 10 no. 8: 370-382 Ag '63.

BRUCKNER, I., prof.; PURICE, S., dr.; SERBAN, Margareta, chim.; LICHTIG,
Ernestina, dr.; COSTICA, I., dr. FICA, V.

Methods of functional examination and of diagnosis in chronic
hepatitis and cirrhosis following viral hepatitis. Med. inter.,
Bucur 13 no.5:679-682 My '61.

(HEPATITIS, INFECTIOUS complications)
(LIVER CIRRHOSIS diagnosis) (HEPATITIS diagnosis)

COSTICA, N.

"Planting Larches in Wide Furrows With Compact Subsoil." P. 326. (ANALELE ROMANO-SOVIETIC, Vol. 69, No. 6, June, 1954, Bucuresti, Rumania.)

SO; Monthly List of East European Accessions. (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

COSTICA, N.

Determination of the number of workers, according to the duration of the work and the afforestation surfact. p. 544

REVISTA PADURILOR. (Asociata Stiintifica a Inginerilor si Technicienilor din Romania si Ministerul Agriculturii si Silviculturii) Bucuresti, Runania. Vol. 73, no. 9, Sept. 1958

Monthly list of East European Accessions (EEAI) LC Vol 8, No. 6, June 1959
Uncl.

COTIHA, OCT
SURNAME, Given Name

Country: Rumania

Academic Degrees:

Affiliation: Regional Veterinary Laboratory (Laboratorul Veterinar Regional),
Bucharest.

Source: Bucharest, Probleme Zootehnice si Veterinare, Vol XI, No 9,
Sep 1961, pp 50-52.

Data: "Encephalomalacy of Chicks Diagnosed in Bucharest Regiune."

Authors:

MARIAN, A., -Dr.-

MARCU, Ch., -Dr.-

COTIHA, Oct., -Veterinarian.-

SIDCO, A.

GPO 981643

COTIGARU, B.

SURNAME, Given Names

Country: Rumania

Academic Degrees: [not given]

Affiliation: -not given-

Source: Bucharest, Revista de Chimie, Vol 12, No 9, Sep 1961, pp 538-543.

Data: "Pipes and Containers of Polyvinyl Chloride in Drinking Water Networks."

Authors:

CONSTANTINESCU, A.

IONESCU-MUSCEL, I.

CORNILESCU, D.

COTIGARU, B.

KEIPER, I.

IONESCU-MUSCEL, M.

RADULESCU, P.

MIRCEA, C.

GPO 981643

COSTIN, A.

"Activities in Combating Soil Erosion and Correcting Streams in Forestry Enterprises in the Period 1944-1954", P. 351, (REVISTA PĂMÂNTUL, Vol. 69, No. 8, August 1954, Bucharest, Rumania)

SC: Monthly List of East European Accessions (LEAL), 10, Vol. 4, No. 3, March 1955, Uncl.

COSTIN. A.

"Combating soil erosion within the frame of a great prospective plan. p. 539.
(REVISTA PADURILOR, Vol. 69, no. 12, Dec. 1954. Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), LC.
Vol. 4, No. 5, May 1955, Uncl.

COSTIN, A., ing.; DOBREANU, I.

Pneumatic apparatus for length measurements. Metrologia
apl 11 no. 5:208-213 My '64.

Rumania/Pharmacology. Toxicology. Tranquilizers

V

Abs Jour : Ref Zhur-Biol., No 8, 1958, 37501

Author : Floru R., Costin A.

Inst : Not given

Title : Research on the Effect of Chloropromazin on the Renal Excretory Function. (Izucheniye deystviya khlorpromozina na ekskretornuyu funktsiyu pochek)

Orig Pub : Fiziol. norm si patol., 1956, 3, No5, 546-553

Abstract : In experiments on seven dogs with chronic fistuli of the ureter it was shown that the administration of 25 to 50 mg of chloropromazin (1) into a vein did not change the quantity of urine in spontaneous diuresis, and had no effect on the concentration of chlorides and urea. In the majority of the animals no changes in glomerular filtration was observed. After a loading with liquid, 1 slowed

Card 1/2

COSTIN, AN. L.

RUMANIA/Human and Animal Physiology - Excretion.

V-6

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18287

Author : Anatol Costin

Inst : -

Title : The Mechanism Regulating the Excretory Function of the Kidneys.

Orig Pub : Fiziol. norm. si patol., 1957, 4, No 3, 195-206

Abstract : No abstract.

Card 1/1

COSTIN, A.; FLORU, R.

Observations on the action of serotonin on interoceptive reflexes.
Studii cerc.fiziol. 4 no.3:365-370 '59. (REAI 9:5)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.
Danielopolu" al Academiei R.P.R.
(AMINOETHYLINDOL) (REFLEXES)

NEGRU, T.; COSTIN, A.

Experimental research on the action of chlorpromazine on hemograms.
Studii cerc.fiziol. 4 no.3:421-426 '59. (REAI 9:5)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.
Danielopolu" al Academiei R.P.R.
(CHLORODIMETHYLAMINOPROPYLPHENOTHIAZINE) (BLOOD)

FLORU, R.; STERESCU-VOLANSCHI, Margareta; COSTIN, A.; POPESCU, Irina.

Studies on the central relations between serotonin and some
physiotropic drugs. Studii cerc fiziol 5 no.1:89-101 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R. 2. Comitetul de redactie,
Studii si cercetari de fiziologie (for Floru)
(AMINOETHYLINDOLOL) (LYSERGIC ACID)
(RESERFINE) (NERVOUS SYSTEM) (DRUGS)

FLORU, R.; ZAPAN, Gh.; BITTMAN, E.; COSTIN, A.; FLORU, Margareta; POPESCU, Irina; STERESCU-VOLANSCHI, Margareta

Physiological and psychological tests used in the comparative study of the fatigue of people who are working with calculating machines. Studii cerc fiziol 5 no.1:103-117 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.Danielopolu" al Academiei R.P.R.
(FATIGUE) (CALCULATING MACHINES)

COSTIN, A.; FLORU, R.; POPESCU, Irina; STERESCU-VOLANSCHI, Margareta.

Influence of various degrees of physical effort upon the activity
of conditional reflexes. Studii cerc fiziol 5 no.1:283-288 '60.
(EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr
D.Danielopolu" al Academiei R.P.R.
(CONDITIONED RESPONSE)